

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>102</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD0003_01_s_2013_102				
Comment Code					
Inspector Comment					
LMA has a copy of the O & M manual on file at district office.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>103</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD0003_01_s_2013_103				
Comment Code					
Inspector Comment					
The LMA has an adequate flood fight supplies and equipment to respond to a flood emergency.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	0.00	Rating **	A	Issue No.	104		
LM End	0.00	Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				o		o
					o		o
DWR ID	DWR_RD0003_01_s_2013_104						
Comment Code							
Inspector Comment							
The LMA is organized to respond to flood emergency. District has been involved in flood fight training.							

No Photos

LM Start	0.13	Rating **	M	Issue No.	19
LM End	0.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.303305 °	38.303305 °
				-121.576537 °	-121.576537 °
DWR ID	DWR_RD0003_01_f_2012_19				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree branches and limbs on waterward shoulder.					

LM Start	<b>0.13</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>0.13</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 4 : SP\_2018\_RD0003\_24\_19\_20180305\_00021.jpg



Looking north at tree branches on waterward slope. (Fall 2016)

Photo 2 of 4 : SP\_2018\_RD0003\_24\_19\_20180305\_00022.jpg



Looking west at tree branch on waterward shoulder and slope. (Fall 2016)

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	0.13	Rating **	M	Issue No.	19 (cont)	
LM End	0.13	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.303305 °		38.303305 °
				-121.576537 °		-121.576537 °
DWR ID	DWR_RD0003_01_f_2012_19					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Tree branches and limbs on waterward shoulder.						

LM Start	<b>0.13</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>0.13</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 4 : SP\_2018\_RD0003\_24\_19\_20180305\_00023.jpg



Looking west at tree branch on waterward shoulder and slope. (Fall 2014)

Photo 4 of 4 : SP\_2018\_RD0003\_24\_19\_20180305\_00024.jpg



Looking west at tree branches on waterward shoulder. (Spring 2014)

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	0.13	Rating **	M	Issue No.	2
LM End	0.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.303303 °	38.303303 °
				-121.576538 °	-121.576538 °
DWR ID	DWR_RD0003_01_f_2013_2				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Hole (8ft x 2.5ft x 5ft) next to a large tree on waterward shoulder.					

Photo 1 of 3 : SP\_2018\_RD0003\_24\_2\_20180305\_00003.jpg



Looking east at hole at the base of an oak tree on the waterward shoulder. (2016)

LM Start	<b>0.13</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>0.13</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2018\_RD0003\_24\_2\_20180305\_00004.jpg



Looking at a hole next to oak tree on waterward shoulder.(2015)

LM Start	<b>0.13</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>0.13</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2018\_RD0003\_24\_2\_20180305\_00005.jpg



Looking east at hole at base of tree on waterward shoulder. (2014)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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# Reclamation District No. 0003 Grand Island

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

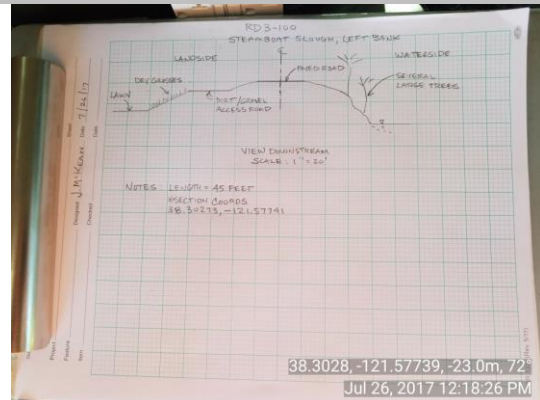
LM Start	0.18	Rating **	A/W	Issue No.	52 (cont)	
LM End	0.21	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.302981 °	38.302778 °	
				-121.577336 °	-121.577683 °	
DWR ID	DWR_RD0003_01_s_2018_52					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description: District station 9+63 to 10+85, Sec. 07, T. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately 122 linear feet of the water side slope of Steamboat Slough (Unit 1). Erosion commences approximately 1/3 of the way down the slope from the crown to the waterside toe. Erosion is undercutting existing trees.						
Site ID No: 274						
Site Designation: LMA-100						
Repair Type: Erosion						
Rating: Serious						
Field Date: 7/26/2017						
Notes: trees undercut by erosion						

Photo 2 of 3 : LEVAL\_SP\_2018\_274\_2392.jpg



LM Start	<b>0.18</b>	Rating **	A/W	Issue No.	<b>52 (cont)</b>
LM End	<b>0.21</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : LEVAL\_SP\_2018\_274\_2395.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	0.91	Rating **	A/W	Issue No.	53
LM End	0.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.293381 °	38.292617 °
				-121.582450 °	-121.582675 °
DWR ID	DWR_RD0003_01_s_2018_53				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:District station 48+20 to 51+06, Sec. 07, T. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately 286 linear feet of the water side slope of Steamboat Slough (Unit 1). The erosion begins approximately 1/2 ofthe way down the slope from the crown to the waterside toe. Erosion is undercutting existing trees.					
Site ID No:275					
Site Designation:LMA-101					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/26/2017					
Notes:					

Photo 1 of 3 : LEVAL\_SP\_2018\_275\_2396.jpg



LM Start	<b>0.91</b>	Rating **	A/W	Issue No.	<b>53 (cont)</b>
LM End	<b>0.97</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL\_SP\_2018\_275\_2398.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	0.91	Rating **	A/W	Issue No.	53 (cont)	
LM End	0.97	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.293381 °	38.292617 °	
				-121.582450 °	-121.582675 °	
DWR ID	DWR_RD0003_01_s_2018_53					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:District station 48+20 to 51+06, Sec. 07, T. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately 286 linear feet of the water side slope of Steamboat Slough (Unit 1). The erosion begins approximately 1/2 ofthe way down the slope from the crown to the waterside toe. Erosion is undercutting existing trees.						
Site ID No:275						
Site Designation:LMA-101						
Repair Type: Erosion						
Rating:Serious						
Field Date:7/26/2017						
Notes:						

Photo 3 of 3 : LEVAL\_SP\_2018\_275\_2399.jpg



LM Start	0.91	Rating **	A/W	Issue No.	4
LM End	0.96	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.293386 °	38.292675 °
				-121.582554 °	-121.582741 °
DWR ID	DWR_RD0003_01_s_2016_4				
Comment Code					
Inspector Comment					
1997 - Erosion of sandy levee on top left bank. Site is downstream of a rock section. Large riparian trees on the bank. 1999 - Upstream half of the reach repaired with rock, except for a 30 ft reach at the upstream end. 2001 - Rock repair on the upstream and downstream ends; no revetment at the trees. 2002 - Rock repair is starting to slide off the geotextile at the upstream end. 2005 - One new small tree has fallen. 2006 - 50 ft pocket at the downstream end and at the upstream end with new rock in between. 2007 - Upstream end has been repaired. 2010 - Some minor new erosion. 2011 - Minor new erosion. 2012 - Minor new erosion at the toe. 2015: Significant new erosion, large oak tree on verge of popping out. [2015 Site ID: STM 25-0 L]					

Photo 1 of 1 : SP\_2018\_RD0003\_24\_4\_20180305\_00006.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	1.03	Rating **	M	Issue No.	1
LM End	1.18	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.291695 °	38.289575 °
				-121.582993 °	-121.583092 °
DWR ID	DWR_RD0003_01_s_2016_1				
Comment Code					
Inspector Comment					
2008 - Area closed sign on bank. Newly fallen trees at both ends and pop outs along the bank. 2010 - Site extended downstream. 2011 - New erosion at the toe. More trees popouts. 2013 - Short vertical sections observed at the downstream end. 2015: New erosion at toe. [2015 Site ID: STM_24-8_L]					

Photo 1 of 2 : SP\_2018\_RD0003\_24\_1\_20180305\_00001.jpg



USACE 2013 Photo #1

LM Start	<b>1.03</b>	Rating **	M	Issue No.	<b>1 (cont)</b>
LM End	<b>1.18</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2018\_RD0003\_24\_1\_20180305\_00002.jpg



USACE 2013 Photo #2

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	1.09	Rating **	A/W	Issue No.	60
LM End	1.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.290819 °	38.290706 °
				-121.582942 °	-121.582939 °
DWR ID	DWR_RD0003_01_f _ 2017_60				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:District station 57+57 to 57+98, Sec. 18, 1. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately 41 linear feet of the water side slope of Steamboat Slough (Unit 1). The erosion commences approximately 1/2 ofthe way down the slope from the crown to the waterside toe.					
Site ID No:276					
Site Designation:LMA-102					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/26/2017					
Notes:					

Photo 1 of 3 : SP\_2018\_RD0003\_24\_60\_20180305\_00048.jpg



LM Start	<b>1.09</b>	Rating **	A/W	Issue No.	<b>60 (cont)</b>
LM End	<b>1.10</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP\_2018\_RD0003\_24\_60\_20180305\_00049.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

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### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	1.09	Rating **	A/W	Issue No.	60 (cont)	
LM End	1.10	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.290819 °	38.290706 °	
				-121.582942 °	-121.582939 °	
DWR ID	DWR_RD0003_01_f_2017_60					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:District station 57+57 to 57+98, Sec. 18, 1. 5 N. R. 4 E., M.D.M. An erosion site exists along approximately 41 linear feet of the water side slope of Steamboat Slough (Unit 1). The erosion commences approximately 1/2 ofthe way down the slope from the crown to the waterside toe.						
Site ID No:276						
Site Designation:LMA-102						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/26/2017						
Notes:						

Photo 3 of 3 : SP\_2018\_RD0003\_24\_60\_20180305\_00050.jpg



LM Start	1.69	Rating **	U	Issue No.	62
LM End	1.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.283747 °	38.283747 °
				-121.587622 °	-121.587622 °
DWR ID	DWR_RD0003_01_f_2016_62				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Broken tree branch on waterward slope.					

Photo 1 of 2 : SP\_2018\_RD0003\_24\_62\_20180305\_00051.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	1.69	Rating **	U	Issue No.	62 (cont)	
LM End	1.69	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.283747 °	38.283747 °	
				-121.587622 °	-121.587622 °	
DWR ID	DWR_RD0003_01_f_2016_62					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Broken tree branch on waterward slope.						

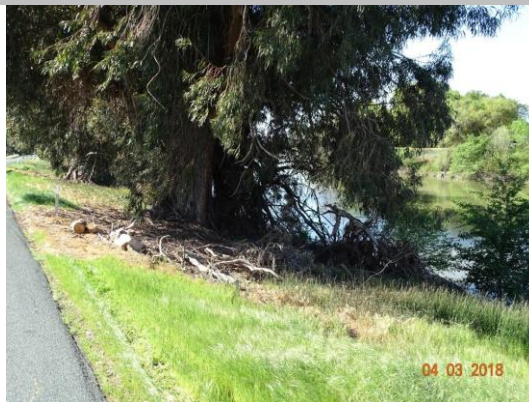
Photo 2 of 2 : SP\_2018\_RD0003\_24\_62\_20180305\_00052.jpg



Looking southwest at broken branches on waterward slope.

LM Start	1.91	Rating **	M	Issue No.	54
LM End	1.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.280638 °	38.280638 °
				-121.588457 °	-121.588457 °
DWR ID	DWR_RD0003_01_s_2018_54				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Cut branches on waterside slope and shoulder.					

Photo 1 of 1 : SP\_2018\_RD0003\_24\_54\_20180403\_00170.jpg



Cut branches on waterside slope.

LM Start	1.93	Rating **	C	Issue No.	81
LM End	1.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.280319 °	38.280319 °
				-121.588426 °	-121.588426 °
DWR ID	DWR_RD0003_01_f_2017_81				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	2.27	Rating **	M	Issue No.	55
LM End	2.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.275827 °	38.275827 °
				-121.589979 °	-121.589979 °
DWR ID	DWR_RD0003_01_s_2018_55				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

Photo 1 of 1 : SP\_2018\_RD0003\_24\_55\_20180403\_00171.jpg



Fallen tree limb on waterside.

LM Start	2.53	Rating **	U	Issue No.	65
LM End	2.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.272886 °	38.272262 °
				-121.587624 °	-121.588010 °
DWR ID	DWR_RD0003_01_s_2018_65				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_24\_65\_20180403\_00174.jpg



Landside vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	2.66	Rating **	M	Issue No.	82
LM End	2.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.271128 °	38.271128 °
				-121.588634 °	-121.588634 °
DWR ID	DWR_RD0003_01_f_2017_82				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_24\_82\_20180305\_00074.jpg



Looking southwest at waterside slope.

LM Start	2.69	Rating **	M	Issue No.	29
LM End	2.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.270733 °	38.270733 °
				-121.588708 °	-121.588708 °
DWR ID	DWR_RD0003_01_s_2018_29				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree limb on waterside slope.					

No Photos

LM Start	3.16	Rating **	N	Issue No.	47
LM End	3.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.264154 °	38.264154 °
				-121.587242 °	-121.587242 °
DWR ID	DWR_RD0003_01_s_2012_47				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
6 large stumps on slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	4.38	Rating **	M	Issue No.	80
LM End	4.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.252940 °	38.251580 °
				-121.600721 °	-121.601017 °
DWR ID	DWR_RD0003_01_s_2018_80				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	4.87	Rating **	M	Issue No.	83
LM End	4.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.245903 °	38.245903 °
				-121.600851 °	-121.600851 °
DWR ID	DWR_RD0003_01_f_2017_83				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Landside slope has a depression.					

Photo 1 of 1 : SP\_2018\_RD0003\_24\_83\_20180305\_00075.jpg



Looking east on landside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	7.02	Rating **	M	Issue No.	88
LM End	7.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.215711 °	38.215711 °
				-121.604581 °	-121.604581 °
DWR ID	DWR_RD0003_01_s _ 2018_88				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	7.44	Rating **	M	Issue No.	89
LM End	7.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.210200 °	38.210200 °
				-121.607809 °	-121.607809 °
DWR ID	DWR_RD0003_01_s _ 2018_89				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Low leaning tree on waterside is beginning to inhibit inspection and access. Should be removed.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	<b>8.39</b>	Rating **	C	Issue No.	<b>94</b>
LM End	<b>8.39</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.197202 °	38.197202 °	
			-121.612962 °	-121.612962 °	
DWR ID	DWR_RD0003_01_s_2013_94				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	<b>10.15</b>	Rating **	A/W	Issue No.	<b>72</b>
LM End	<b>10.21</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.188431 °	38.187803 °	
			-121.641703 °	-121.642478 °	
DWR ID	DWR_RD0003_01_f_2017_72				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments</p> <p>Description: District station 536+35 to 539+47, Sec. 16, T. 4 N. R. 3 E., M.D.M. The waterside slope experienced sloughing and erosion along approximately 312 linear feet of Steamboat Slough (Unit 1). Sloughing commences at approximately 1/4 of the way down the slope from the crown and extends to the rip rap.</p> <p>Site ID No: 277</p> <p>Site Designation: LMA-103</p> <p>Repair Type: Erosion</p> <p>Rating: Area of Concern</p> <p>Field Date: 7/26/2017</p> <p>Notes:</p>					

Photo 1 of 3 : SP\_2018\_RD0003\_24\_72\_20180305\_00060.jpg



* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	10.15	Rating **	A/W	Issue No.	72 (cont)
LM End	10.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.188431 °	38.187803 °
				-121.641703 °	-121.642478 °
DWR ID	DWR_RD0003_01_f_2017_72				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:District station 536+35 to 539+47, Sec. 16, T. 4 N. R. 3 E., M.D.M. The waterside slope experienced sloughing and erosion along approximately 312 linear feet of Steamboat Slough (Unit 1). Sloughing commences at approximately 1/4 of the way down the slope from the crown and extends to the rip rap.					
Site ID No:277					
Site Designation:LMA-103					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/26/2017					
Notes:					

Photo 2 of 3 : SP\_2018\_RD0003\_24\_72\_20180305\_00061.jpg



Photo 3 of 3 : SP\_2018\_RD0003\_24\_72\_20180305\_00062.jpg



LM Start	10.15	Rating **	A/W	Issue No.	72 (cont)
LM End	10.21	Issue Type +	Ma	Location *	

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	10.67	Rating **	A/W	Issue No.	73
LM End	10.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.183810 °	38.182480 °
				-121.648780 °	-121.653150 °
DWR ID	DWR RD0003 01 f 2017 73				

**Comment Code**

**Inspector Comment**

**Levee Evaluation Comments**

**Description:**

Site ID No:63

Site Designation:DWR\_RD0003\_01\_R\_2012\_03

Repair Type: Erosion

Rating:Serious

Field Date:6/8/2017

Notes: scattered erosion scarps caving into levee crown, within erosion limit crown width ranges from 15 to 30', several trees with exposed tree roots and leaning into the river,

LM Start	<b>10.67</b>	Rating **	A/W	Issue No.	<b>73 (cont)</b>
LM End	<b>10.92</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : SP\_2018\_RD0003\_24\_73\_20180305\_00063.jpg



Photo 2 of 3 : SP\_2018\_RD0003\_24\_73\_20180305\_00064.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	10.75	Rating **	A/W	Issue No.	96 (cont)	
LM End	10.75	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Erosion / Bank Caving			38.183422 °	38.183422 °	
				-121.650182 °	-121.650182 °	
DWR ID	DWR_RD0003_01_s_2013_96					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						
Erosion extends to waterward shoulder.						

Photo 2 of 2 : SP\_2018\_RD0003\_24\_96\_20180305\_00080.jpg



Looking southwest at erosion on waterward slope.

LM Start	10.78	Rating **	A/W	Issue No.	97
LM End	10.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.183228 °	38.183123 °
				-121.650797 °	-121.651070 °
DWR ID	DWR_RD0003_01_s_2013_97				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion extends to waterward shoulder.					

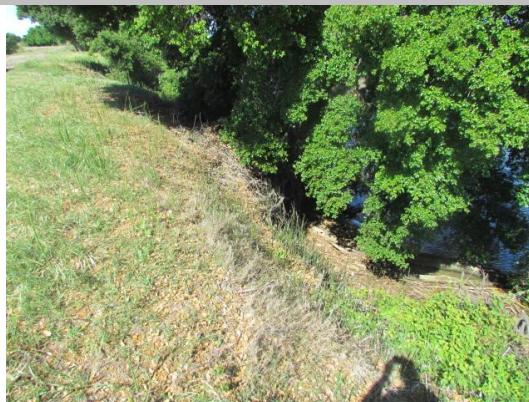
Photo 1 of 2 : SP\_2018\_RD0003\_24\_97\_20180305\_00081.jpg



Looking south at erosion on waterward slope.

LM Start	<b>10.78</b>	Rating **	A/W	Issue No.	<b>97 (cont)</b>
LM End	<b>10.80</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2018\_RD0003\_24\_97\_20180305\_00082.jpg



Looking southwest at erosion on waterward slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	10.79	Rating **	M	Issue No.	92
LM End	10.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.183204 °	38.182481 °
				-121.650861 °	-121.653199 °
DWR ID	DWR_RD0003_01_f_2017_92				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	10.86	Rating **	A/W	Issue No.	98
LM End	10.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.182792 °	38.182672 °
				-121.652142 °	-121.652555 °
DWR ID	DWR_RD0003_01_s_2013_98				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion extends to waterward shoulder.					

Photo 1 of 3 : SP\_2018\_RD0003\_24\_98\_20180305\_00083.jpg



Looking north at erosion on waterward slope.

LM Start	<b>10.86</b>	Rating **	A/W	Issue No.	<b>98 (cont)</b>
LM End	<b>10.89</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2018\_RD0003\_24\_98\_20180305\_00084.jpg



Looking northwest at erosion on waterward shoulder and slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	10.95	04/03/2018 04/03/2018	Keith Millard

LM Start	10.86	Rating **	A/W	Issue No.	98 (cont)	
LM End	10.89	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.182792 °	38.182672 °	
				-121.652142 °	-121.652555 °	
DWR ID	DWR_RD0003_01_s_2013_98					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						
Erosion extends to waterward shoulder.						

Photo 3 of 3 : SP\_2018\_RD0003\_24\_98\_20180305\_00085.jpg



Looking west at erosion on waterward slope.

LM Start	10.91	Rating **	A/W	Issue No.	99
LM End	10.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.182537 °	38.182388 °
				-121.652987 °	-121.653388 °
DWR ID	DWR_RD0003_01_s_2013_99				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion extends to waterward shoulder.					

Photo 1 of 2 : SP\_2018\_RD0003\_24\_99\_20180305\_00086.jpg



Looking west at erosion on waterward slope.

LM Start	<b>10.91</b>	Rating **	A/W	Issue No.	<b>99 (cont)</b>
LM End	<b>10.94</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2018\_RD0003\_24\_99\_20180305\_00087.jpg



Looking north at erosion on waterward shoulder and slope.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	0.17	Rating **	M	Issue No.	3
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.174890 °	38.174890 °
				-121.651031 °	-121.651031 °
DWR ID	DWR_RD0003_02_s_2012_3				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.25	Rating **	M	Issue No.	4	
LM End	0.25	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.174504 °		38.174504 °
				-121.649651 °		-121.649651 °
DWR ID	DWR_RD0003_02_s_2012_4					
Comment Code						
T4 : Trim trees over roadway to at least 12 feet above ground level.						
Inspector Comment						
Trim tree at least 12 feet above ground on levee crown.						

Photo 1 of 1 : SP\_2018\_RD0003\_25\_4\_20180305\_00006.jpg



Looking east at untrimmed tree on landward shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	0.30	Rating **	M	Issue No.	5
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.174281 °	38.174209 °
				-121.648698 °	-121.648352 °
DWR ID	DWR_RD0003_02_s_2012_5				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Bamboo sprouts on waterward slope.					

Photo 1 of 2 : SP\_2018\_RD0003\_25\_5\_20180305\_00007.jpg



Looking southeast at bamboo on waterward slope. (Fall 2016)

LM Start	<b>0.30</b>	Rating **	M	Issue No.	<b>5 (cont)</b>
LM End	<b>0.32</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2018\_RD0003\_25\_5\_20180305\_00008.jpg



Looking east at bamboo on waterward slope. (Spring 2016)

LM Start	0.31	Rating **	U	Issue No.	151
LM End	0.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.174235 °	38.174109 °
				-121.648479 °	-121.647870 °
DWR ID	DWR_RD0003_02_s_2016_151				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove young willows along landside toe.					

Photo 1 of 2 : SP\_2018\_RD0003\_25\_151\_20180305\_00129.jpg



Looking west at landside slope.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	0.31	Rating **	U	Issue No.	151 (cont)	
LM End	0.35	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.174235 °		38.174109 °
				-121.648479 °		-121.647870 °
DWR ID	DWR_RD0003_02_s_2016_151					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Remove young willows along landside toe.						

Photo 2 of 2 : SP\_2018\_RD0003\_25\_151\_20180305\_00130.jpg



Looking west at dense vegetation at landward toe.

LM Start	1.46	Rating **	C	Issue No.	128
LM End	1.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.169500 °	38.169370 °
				-121.628832 °	-121.628573 °
DWR ID	DWR_RD0003_02_s_2017_128				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.57	Rating **	U	Issue No.	129
LM End	1.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.168700 °	38.168700 °
				-121.627233 °	-121.627233 °
DWR ID	DWR_RD0003_02_s_2017_129				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large fallen tree on waterside slope.					

Photo 1 of 3 : SP\_2018\_RD0003\_25\_129\_20180305\_00093.jpg



Looking east at waterside slope.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	1.57	Rating **	U	Issue No.	129 (cont)	
LM End	1.57	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.168700 °	38.168700 °	
				-121.627233 °	-121.627233 °	
DWR ID	DWR_RD0003_02_s_2017_129					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Large fallen tree on waterside slope.						

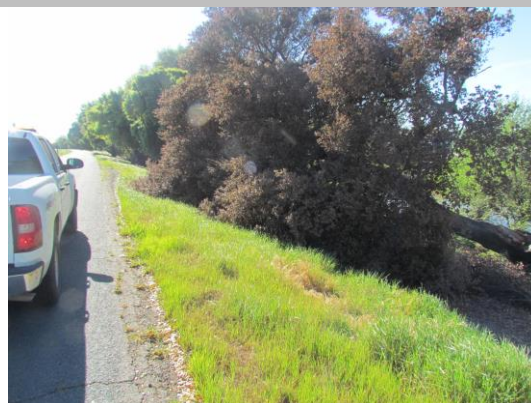
Photo 2 of 3 : SP\_2018\_RD0003\_25\_129\_20180305\_00094.jpg



Looking east at fallen tree on waterward slope.

LM Start	<b>1.57</b>	Rating **	U	Issue No.	<b>129 (cont)</b>
LM End	<b>1.57</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2018\_RD0003\_25\_129\_20180305\_00095.jpg



Looking northeast at fallen tree on waterward slope.

LM Start	1.67	Rating **	M	Issue No.	130
LM End	1.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.167880 °	38.167880 °
				-121.625572 °	-121.625572 °
DWR ID	DWR_RD0003_02_s_2017_130				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

Photo 1 of 3 : SP\_2018\_RD0003\_25\_130\_20180305\_00096.jpg



Looking south at the waterside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	2.01	Rating **	M	Issue No.	140 (cont)	
LM End	2.01	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.165740 °		38.165740 °
				-121.619970 °		-121.619970 °
DWR ID	DWR_RD0003_02_f_2015_140					
Comment Code						
PR : Prunings						
Inspector Comment						
Prunings piles on waterside slope.						

Photo 2 of 2 : SP\_2018\_RD0003\_25\_140\_20180305\_00113.jpg



Looking at tree branches and tree limbs on waterward shoulder and slope.

LM Start	2.68	Rating **	M	Issue No.	131
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.164652 °	38.164765 °
				-121.607927 °	-121.607212 °
DWR ID	DWR_RD0003_02_s_2017_131				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	3.67	Rating **	M	Issue No.	8
LM End	3.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.173242 °	38.175118 °
				-121.594305 °	-121.592925 °
DWR ID	DWR_RD0003_02_s_2012_8				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.76	Rating **	M	Issue No.	195
LM End	11.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.174276 °	38.242001 °
				-121.593518 °	-121.516235 °
DWR ID	DWR_RD0003_02_s_2018_195				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.11	Rating **	U	Issue No.	145
LM End	4.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.178779 °	38.178779 °
				-121.590425 °	-121.590425 °
DWR ID	DWR_RD0003_02_f_2015_145				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Century plants on waterside shoulder and slope.					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_145\_20180305\_00121.jpg



Looking northeast at century plants on waterward shoulder and slope.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	4.11	Rating **	U	Issue No.	143
LM End	4.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.178782 °	38.178782 °
				-121.590418 °	-121.590418 °
DWR ID	DWR_RD0003_02_f_2015_143				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Large century plants on landside shoulder and slope.					

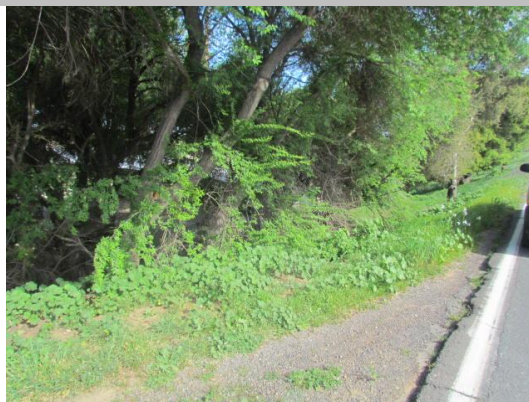
Photo 1 of 1 : SP\_2018\_RD0003\_25\_143\_20180305\_00118.jpg



Looking north at century plants on landward shoulder and slope.

LM Start	4.14	Rating **	M	Issue No.	48
LM End	4.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.179160 °	38.179160 °
				-121.590247 °	-121.590247 °
DWR ID	DWR_RD0003_02_s_2012_48				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_48\_20180305\_00041.jpg



Looking southwest at dense trees on landward slope.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	4.24	Rating **	M	Issue No.	10
LM End	4.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.180361 °	38.180361 °
				-121.589127 °	-121.589127 °
DWR ID	DWR_RD0003_02_s_2012_10				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dense untrimmed trees on landside slope and toe.					

Photo 1 of 2 : SP\_2018\_RD0003\_25\_10\_20180305\_00013.jpg



Looking north at untrimmed trees on landward slope and toe. (Fall 2016)

LM Start	<b>4.24</b>	Rating **	M	Issue No.	<b>10 (cont)</b>
LM End	<b>4.24</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2018\_RD0003\_25\_10\_20180305\_00014.jpg



Looking west at untrimmed tree on landward slope. (Spring 2016)

LM Start	4.29	Rating **	M	Issue No.	194
LM End	4.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.181066 °	38.183516 °
				-121.588662 °	-121.586687 °
DWR ID	DWR_RD0003_02_s_2018_194				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	4.61	Rating **	M	Issue No.	193
LM End	5.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.184874 °	38.192067 °
				-121.585511 °	-121.572854 °
DWR ID	DWR_RD0003_02_s_2018_193				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	4.65	Rating **	U	Issue No.	97
LM End	4.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.185317 °	38.185317 °
				-121.584870 °	-121.584870 °
DWR ID	DWR_RD0003_02_s_2017_97				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on landside slope.					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_97\_20180305\_00084.jpg



Looking west at fallen tree on landward slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	4.86	Rating **	A/W	Issue No.	127
LM End	4.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.187528 °	38.187781 °
				-121.582394 °	-121.582331 °
DWR ID	DWR_RD0003_02_f_2017_127				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: District station 256+60 to 257+96, Sec. 19, T. 4 N. R. 4 E., M.D.M. Approximately 136 linear feet erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/4 of the way down the slope from the crown and extends to the rip rap.					
Site ID No: 278					
Site Designation: LMA-104					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date: 7/26/2017					
Notes:					

Photo 1 of 3 : SP\_2018\_RD0003\_25\_127\_20180305\_00090.jpg



LM Start	<b>4.86</b>	Rating **	A/W	Issue No.	<b>127 (cont)</b>
LM End	<b>4.87</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP\_2018\_RD0003\_25\_127\_20180305\_00091.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	4.86	Rating **	A/W	Issue No.	127 (cont)	
LM End	4.87	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.187528 °	38.187781 °	
				-121.582394 °	-121.582331 °	
DWR ID	DWR_RD0003_02_f_2017_127					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:District station 256+60 to 257+96, Sec. 19, T. 4 N. R. 4 E., M.D.M. Approximately 136 linear feet erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/4 of the way down the slope from the crown and extends to the rip rap.						
Site ID No:278						
Site Designation:LMA-104						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/26/2017						
Notes:						

Photo 3 of 3 : SP\_2018\_RD0003\_25\_127\_20180305\_00092.jpg



LM Start	5.57	Rating **	M	Issue No.	161
LM End	5.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.192528 °	38.192528 °
				-121.571192 °	-121.571192 °
DWR ID	DWR_RD0003_02_f_2017_161				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Cactus on waterside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	<b>5.57</b>	Rating **	M	Issue No.	<b>192</b>
LM End	<b>6.46</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.192600 °	38.200294 °	
			-121.571105 °	-121.559346 °	
DWR ID	DWR_RD0003_02_s _ 2018_192				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>6.57</b>	Rating **	M	Issue No.	<b>191</b>
LM End	<b>7.20</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.201947 °	38.210963 °	
			-121.558857 °	-121.558567 °	
DWR ID	DWR_RD0003_02_s _ 2018_191				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>7.43</b>	Rating **	M	Issue No.	<b>188</b>
LM End	<b>7.68</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.214326 °	38.217941 °	
			-121.558655 °	-121.558415 °	
DWR ID	DWR_RD0003_02_s _ 2018_188				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	7.73	Rating **	M	Issue No.	186
LM End	7.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.218724 °	38.222281 °
				-121.558315 °	-121.557632 °
DWR ID	DWR_RD0003_02_s_2018_186				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	8.11	Rating **	U	Issue No.	162
LM End	8.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.224110 °	38.224110 °
				-121.557216 °	-121.557216 °
DWR ID	DWR_RD0003_02_f_2017_162				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_162\_20180305\_00139.jpg



Looking east at the waterside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	8.11	Rating **	U	Issue No.	15
LM End	8.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.224130 °	38.224130 °
				-121.557206 °	-121.557206 °
DWR ID	DWR_RD0003_02_f_2015_15				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Broken tree branches on waterside shoulder and slope.					

Photo 1 of 2 : SP\_2018\_RD0003\_25\_15\_20180305\_00023.jpg



Looking northeast at broken and cracked tree branches on waterward slope.

LM Start	8.11	Rating **	U	Issue No.	15 (cont)
LM End	8.11	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2018\_RD0003\_25\_15\_20180305\_00024.jpg



Looking east at broken and cracked tree branches on waterward slope.

LM Start	8.11	Rating **	M	Issue No.	185
LM End	8.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224189 °	38.228139 °
				-121.557259 °	-121.557094 °
DWR ID	DWR_RD0003_02_s_2018_185				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	8.97	Rating **	C	Issue No.	23
LM End	8.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.236294 °	38.236294 °
				-121.559527 °	-121.559527 °
DWR ID	DWR_RD0003_02_s_2012_23				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed tree on landside slope.					

No Photos

LM Start	8.98	Rating **	M	Issue No.	176
LM End	8.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.236425 °	38.236425 °
				-121.559561 °	-121.559561 °
DWR ID	DWR_RD0003_02_f_2017_176				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	9.18	Rating **	U	Issue No.	184
LM End	9.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238987 °	38.240126 °
				-121.558003 °	-121.557005 °
DWR ID	DWR_RD0003_02_s_2018_184				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_184\_20180404\_00294.jpg



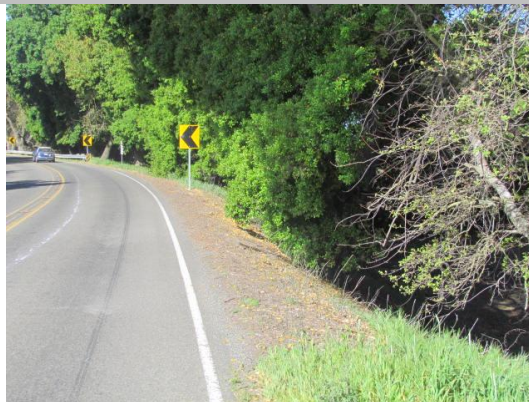
Heavy vegetation on landside slope prevents inspection.

LM Start	9.29	Rating **	M	Issue No.	63
LM End	9.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.240337 °	38.240337 °
				-121.556870 °	-121.556870 °
DWR ID	DWR_RD0003_02_s_2012_63				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	9.56	Rating **	M	Issue No.	64
LM End	9.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.242392 °	38.242501 °
				-121.552862 °	-121.551632 °
DWR ID	DWR_RD0003_02_s_2012_64				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_64\_20180305\_00050.jpg



Looking southwest at dense trees on landward shoulder and slope.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	9.65	Rating **	U	Issue No.	183
LM End	9.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.242504 °	38.242308 °
				-121.551176 °	-121.549073 °
DWR ID	DWR_RD0003_02_s_2018_183				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_183\_20180404\_00293.jpg



Heavy vegetation on landside slope prevents inspection.

LM Start	9.82	Rating **	A/W	Issue No.	137
LM End	9.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.242006 °	38.241950 °
				-121.548117 °	-121.547681 °
DWR ID	DWR_RD0003_02_f_2017_137				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description:District station 518+55 to 519+81 , Sec. 33, T. 5 N. R. 4 E., M.D.M. Approximately 126 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/4 of the way down the slope from the crown and extends into the rip rap. Site ID No:279 Site Designation:LMA-105 Repair Type: Erosion Rating:Area of Concern Field Date:7/26/2017 Notes:					

Photo 1 of 3 : SP\_2018\_RD0003\_25\_137\_20180305\_00103.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	9.97	Rating **	U	Issue No.	182
LM End	10.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.241784 °	38.241707 °
				-121.545302 °	-121.544835 °
DWR ID	DWR_RD0003_02_s_2018_182				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_182\_20180404\_00292.jpg



Heavy vegetation on landside slope prevents inspection.

LM Start	10.01	Rating **	A/W	Issue No.	138
LM End	10.03	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.241481 °	38.241439 °
				-121.544569 °	-121.544353 °
DWR ID	DWR_RD0003_02_f_2017_138				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:District station 528+97 to 529+58, Sec. 33, T. 5 N. R. 4 E., M.D.M. Approximately 61 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.					
Site ID No:280					
Site Designation:LMA-106					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/26/2017					
Notes:					

Photo 1 of 3 : SP\_2018\_RD0003\_25\_138\_20180305\_00106.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	10.01	Rating **	A/W	Issue No.	138 (cont)	
LM End	10.03	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.241481 °	38.241439 °	
				-121.544569 °	-121.544353 °	
DWR ID	DWR_RD0003_02_f_2017_138					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description: District station 528+97 to 529+58, Sec. 33, T. 5 N. R. 4 E., M.D.M. Approximately 61 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.						
Site ID No: 280						
Site Designation: LMA-106						
Repair Type: Erosion						
Rating: Area of Concern						
Field Date: 7/26/2017						
Notes:						

LM Start	<b>10.01</b>	Rating **	A/W	Issue No.	<b>138 (cont)</b>
LM End	<b>10.03</b>	Issue Type +	Ma	Location *	



38.24149, 121.54428, 25.0m, 215°  
Jul 26, 2017 10:30:19 AM

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable	A : Acceptable                      N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable                      C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable                      A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	10.20	Rating **	U	Issue No.	167
LM End	10.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.240938 °	38.239695 °
				-121.541251 °	-121.536265 °
DWR ID	DWR_RD0003_02_s_2018_167				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_167\_20180404\_00295.jpg



Heavy vegetation on Inside slope prevents inspection.

LM Start	10.55	Rating **	M	Issue No.	163
LM End	10.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.239426 °	38.239032 °
				-121.535152 °	-121.533252 °
DWR ID	DWR_RD0003_02_s_2018_163				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_163\_20180404\_00290.jpg



Tall landside vegetation prevents inspection.

LM Start	11.33	Rating **	A/W	Issue No.	1
LM End	11.42	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.239870 °	38.239983 °
				-121.520989 °	-121.519361 °
DWR ID	DWR_RD0003_02_s_2016_1				
Comment Code					
Inspector Comment					
2009 - Hole left in levee toe from a fallen tree. Could be repaired under maintenance. 2010 - Minor new erosion. 2015: Minor new erosion at toe. [2015 Site ID: SAC_26-3_R]					

Photo 1 of 2 : SP\_2018\_RD0003\_25\_1\_20180305\_00001.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	11.33	Rating **	A/W	Issue No.	1 (cont)	
LM End	11.42	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2015 USACE Erosion Survey, DRAFT			38.239870 °		38.239983 °
				-121.520989 °		-121.519361 °
DWR ID	DWR_RD0003_02_s_2016_1					
Comment Code						
Inspector Comment						
2009 - Hole left in levee toe from a fallen tree. Could be repaired under maintenance. 2010 - Minor new erosion. 2015: Minor new erosion at toe. [2015 Site ID: SAC_26-3_R]						

Photo 2 of 2 : SP\_2018\_RD0003\_25\_1\_20180305\_00002.jpg



USACE 2013 Photo #2

LM Start	11.55	Rating **	M	Issue No.	24
LM End	11.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.241093 °	38.241300 °
				-121.517378 °	-121.517073 °
DWR ID	DWR_RD0003_02_s_2012_24				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	12.14	Rating **	M	Issue No.	196
LM End	12.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.248094 °	38.248094 °
				-121.511659 °	-121.511659 °
DWR ID	DWR_RD0003_02_s_2018_196				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	12.90	Rating **	M	Issue No.	135
LM End	12.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.257427 °	38.257427 °
				-121.518329 °	-121.518329 °
DWR ID	DWR_RD0003_02_s_2018_135				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	13.15	Rating **	A/W	Issue No.	139
LM End	13.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.260042 °	38.260219 °
				-121.521581 °	-121.521803 °
DWR ID	DWR_RD0003_02_f_2017_139				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:District station 694+80 to 695+69, Sec. 27, 1. 5 N. R. 4 E., M.D.M. Approximately 89 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.					
Site ID No:281					
Site Designation:LMA-107					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/26/2017					
Notes:					

Photo 1 of 3 : SP\_2018\_RD0003\_25\_139\_20180305\_00109.jpg



38.26004, -121.52159, -24.0m, 34°  
Jul 26, 2017 10:49:34 AM

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	13.15	Rating **	A/W	Issue No.	139 (cont)	
LM End	13.17	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.260042 °	38.260219 °	
				-121.521581 °	-121.521803 °	
DWR ID	DWR_RD0003_02_f_2017_139					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:District station 694+80 to 695+69, Sec. 27, 1. 5 N. R. 4 E., M.D.M. Approximately 89 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.						
Site ID No:281						
Site Designation:LMA-107						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/26/2017						
Notes:						

Photo 2 of 3 : SP\_2018\_RD0003\_25\_139\_20180305\_00110.jpg



LM Start	<b>13.15</b>	Rating **	A/W	Issue No.	<b>139 (cont)</b>
LM End	<b>13.17</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : SP\_2018\_RD0003\_25\_139\_20180305\_00111.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	<b>13.39</b>	Rating **	M	Issue No.	<b>197</b>
LM End	<b>15.46</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.262368 °	38.282965 °	
			-121.524770 °	-121.552285 °	
DWR ID	DWR_RD0003_02_s_2018_197				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>13.86</b>	Rating **	M	Issue No.	<b>169</b>
LM End	<b>13.86</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.267084 °	38.267084 °	
			-121.530939 °	-121.530939 °	
DWR ID	DWR_RD0003_02_f_2017_169				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_169\_20180305\_00143.jpg



Looking southeast at the landside slope.

LM Start	<b>14.11</b>	Rating **	M	Issue No.	<b>132</b>
LM End	<b>14.11</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.269472 °	38.269472 °	
			-121.534365 °	-121.534365 °	
DWR ID	DWR_RD0003_02_s_2018_132				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	14.23	Rating **	C	Issue No.	91
LM End	14.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.270703 °	38.270703 °
				-121.535938 °	-121.535938 °
DWR ID	DWR_RD0003_02_s_2018_91				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	14.44	Rating **	M	Issue No.	126
LM End	14.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.272836 °	38.272836 °
				-121.538802 °	-121.538802 °
DWR ID	DWR_RD0003_02_s_2018_126				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	15.00	Rating **	A/W	Issue No.	142
LM End	15.07	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.278806 °	38.279444 °
				-121.545817 °	-121.546647 °
DWR ID	DWR_RD0003_02_f_2017_142				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:District station 792+44 to 795+74, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 330 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.					
Site ID No:282					
Site Designation:LMA-108					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/28/2017					
Notes: no berm					

Photo 1 of 3 : SP\_2018\_RD0003\_25\_142\_20180305\_00115.jpg



LM Start	<b>15.00</b>	Rating **	A/W	Issue No.	<b>142 (cont)</b>
LM End	<b>15.07</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP\_2018\_RD0003\_25\_142\_20180305\_00116.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	15.00	Rating **	A/W	Issue No.	142 (cont)	
LM End	15.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.278806 °	38.279444 °	
				-121.545817 °	-121.546647 °	
DWR ID	DWR_RD0003_02_f_2017_142					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:District station 792+44 to 795+74, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 330 linear feet of erosion and sloughing exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap.						
Site ID No:282						
Site Designation:LMA-108						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/28/2017						
Notes: no berm						

Photo 3 of 3 : SP\_2018\_RD0003\_25\_142\_20180305\_00117.jpg



LM Start	15.37	Rating **	M	Issue No.	134
LM End	15.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.282243 °	38.282243 °
				-121.550917 °	-121.550917 °
DWR ID	DWR_RD0003_02_s_2017_134				
Comment Code					
PR : Prunings					
Inspector Comment					
Large fallen tree on landside slope. Large tree removed, prunings remain on slope.					

Photo 1 of 3 : SP\_2018\_RD0003\_25\_134\_20180305\_00100.jpg



Looking southwest at the landside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	15.37	Rating **	M	Issue No.	134 (cont)	
LM End	15.37	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.282243 °		38.282243 °
				-121.550917 °		-121.550917 °
DWR ID	DWR_RD0003_02_s_2017_134					
Comment Code						
PR : Prunings						
Inspector Comment						
Large fallen tree on landside slope. Large tree removed, prunings remain on slope.						

Photo 2 of 3 : SP\_2018\_RD0003\_25\_134\_20180305\_00101.jpg



Looking west at fallen tree at landward toe.

LM Start	<b>15.37</b>	Rating **	M	Issue No.	<b>134 (cont)</b>
LM End	<b>15.37</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP\_2018\_RD0003\_25\_134\_20180305\_00102.jpg



Looking northwest at fallen tree at landward toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	15.46	Rating **	A/W	Issue No.	149
LM End	15.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.283119 °	38.283172 °
				-121.552250 °	-121.552347 °
DWR ID	DWR_RD0003_02_f_2017_149				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:District station 816+64 to 816+97, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 33 linear feet of erosion exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 ofthe way down the slope from the crown and extends into the rip rap. A section of rip rap has eroded away in this location.					
Site ID No:283					
Site Designation:LMA-109					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/26/2017					
Notes:					

Photo 1 of 3 : SP\_2018\_RD0003\_25\_149\_20180305\_00124.jpg



LM Start	<b>15.46</b>	Rating **	A/W	Issue No.	<b>149 (cont)</b>
LM End	<b>15.47</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP\_2018\_RD0003\_25\_149\_20180305\_00125.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	15.46	Rating **	A/W	Issue No.	149 (cont)
LM End	15.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.283119 °	38.283172 °
				-121.552250 °	-121.552347 °
DWR ID	DWR_RD0003_02_f_2017_149				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:District station 816+64 to 816+97, Sec. 16, T. 5 N. R. 4 E., M.D.M. Approximately 33 linear feet of erosion exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 ofthe way down the slope from the crown and extends into the rip rap. A section of rip rap has eroded away in this location.					
Site ID No:283					
Site Designation:LMA-109					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/26/2017					
Notes:					

Photo 3 of 3 : SP\_2018\_RD0003\_25\_149\_20180305\_00126.jpg



LM Start	15.70	Rating **	C	Issue No.	95
LM End	15.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.285347 °	38.285347 °
				-121.555534 °	-121.555534 °
DWR ID	DWR_RD0003_02_s_2013_95				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Palm tree on landside slope and toe.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	15.78	Rating **	C	Issue No.	148
LM End	15.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.286222 °	38.286222 °
				-121.556537 °	-121.556537 °
DWR ID	DWR_RD0003_02_s_2016_148				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	15.94	Rating **	M	Issue No.	124
LM End	15.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.288009 °	38.288009 °
				-121.558398 °	-121.558398 °
DWR ID	DWR_RD0003_02_s_2018_124				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Vehicle erosion on landside slope.					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_124\_20180404\_00287.jpg



Vehicle erosion on landside slope should be repaired.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	<b>16.54</b>	Rating **	A/W	Issue No.	<b>150</b>
LM End	<b>16.56</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.294717 °	38.294986 °	
			-121.565417 °	-121.565661 °	

DWR ID DWR\_RD0003\_02\_f\_2017\_150

Comment Code

Inspector Comment

## Levee Evaluation Comments

Description: District station 873+61 to 874+83, Sec. 08, T. 5 N. R. 4 E., M.D.M. Approximately 122 linear feet of erosion exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends beyond the rip rap. A section of rip rap has eroded away in this location.

Site ID No: 284

Site Designation: LMA-110

Repair Type: Erosion

Rating: Area of Concern

Field Date: 7/28/2017

Notes: no berm

LM Start	<b>16.54</b>	Rating **	A/W	Issue No.	<b>150 (cont)</b>
LM End	<b>16.56</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : SP\_2018\_RD0003\_25\_150\_20180305\_00127.jpg



Photo 2 of 2 : SP\_2018\_RD0003\_25\_150\_20180305\_00128.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	16.54	Rating **	A/W	Issue No.	20
LM End	16.63	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.294757 °	38.295730 °
				-121.565376 °	-121.566295 °
DWR ID	DWR_RD0003_02_s _ 2016_20				
Comment Code					
Inspector Comment					
1997 - Erosion of supper sandy levee material above the water line, straight reach. 1999 - Small pocket repaired with rock. 2005 - Downstream 400 ft have been repaired. 2011 - Site is overgrown with vegetation. 2015: Site appears stable, may consider removal if no change after the next large storm event. [2015 Site ID: SAC_31-6_R]					

Photo 1 of 1 : SP\_2018\_RD0003\_25\_20\_20180305\_00027.jpg



USACE 2013 Photo #1

LM Start	16.56	Rating **	M	Issue No.	147
LM End	16.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.294809 °	38.294809 °
				-121.565765 °	-121.565765 °
DWR ID	DWR_RD0003_02_s _ 2016_147				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.35	04/03/2018 04/04/2018	Keith Millard

LM Start	16.58	Rating **	M	Issue No.	198
LM End	17.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295120 °	38.304044 °
				-121.565999 °	-121.574631 °
DWR ID	DWR_RD0003_02_s_2018_198				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	16.90	Rating **	A/W	Issue No.	152
LM End	16.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.298914 °	38.298997 °
				-121.569156 °	-121.569217 °
DWR ID	DWR_RD0003_02_f_2017_152				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:District station 892+36 to 892+70, Sec. 08, T. 5 N. R. 4 E., M.D.M. Approximately 34 linear feet of erosion exists along the water side slope of the Sacramento River (Unit 2). The erosion commences approximately 1/2 of the way down the slope from the crown and extends into the rip rap. A section of rip rap has eroded away in this location.					
Site ID No:285					
Site Designation:LMA-111					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/28/2017					
Notes: highway on crown					

Photo 1 of 3 : SP\_2018\_RD0003\_25\_152\_20180305\_00131.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cross Levee		0.43	04/03/2018 04/03/2018	Keith Millard

LM Start	0.10	Rating **	M	Issue No.	2
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.180780 °	38.180780 °
				-121.653585 °	-121.653585 °
DWR ID	DWR_RD0003_03_s_2018_2				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.15	Rating **	M	Issue No.	5
LM End	0.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.180150 °	38.179722 °
				-121.653645 °	-121.653663 °
DWR ID	DWR_RD0003_03_s_2013_5				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed trees on waterward slope.					

Photo 1 of 1 : SP\_2018\_RD0003\_610\_5\_20180305\_00002.jpg



Looking southeast at untrimmed trees on waterward slope and toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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